

## ABSTRACT

The present invention relates to a mobile communication system  
5 supporting communication of data which comprises a base station  
communicating with a switching arrangement. A communication  
protocol is used for communication between a mobile station and  
the switching arrangement. The connection between the base station  
and the switching arrangement supports packet switched  
10 communication and detecting means are provided in the base station  
to detect if data frames sent from the mobile station are  
correctly received over the air interface. Means are also provided  
for sending only data frames detected as correctly received on to  
the switching arrangement using the packet switched connection  
15 between the base station and the switching arrangement.

(Fig. 1)